



# **Product Catalog**

## **Hydraulics**

**(Information and links also available in product sections of website.)**

### **Hydraulics**

- **Jacks**
- **Power Units**
- **Scissor Hoists**
- **Scissor Hoist Cylinders**
- **Scissor Hoist Kits**
- **Accessories**
- **Telescopic Cylinders**
- **Tilt Deck Cylinder**

### **Replacement Parts**



# 15K Hydraulic Square Tube Weld On Jack



Ideal for use with commercial, construction and dump trailers.

- Hydraulic application allows for fast manual free operation
- 15,000lb support/12,000lb lift capacity jack
- Pivoting large 10"x10" foot pad that works well on uneven surfaces
- Durable exterior grade black finish
- 59" extended height, 34.8" retracted height
- 24.2" travel distance
- Works well with hydraulic pump/power units up to 3200 psi extension, 1500 psi retraction pressure
- Hydraulic pump/power unit and control switch/remote pendant available (sold separately)
- HJ-15000-LEG direct weld jack



# 15K Hydraulic Square Tube Bolt On Jack



Ideal for use with commercial, construction and dump trailers.

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- 15,000lb support/12,000lb lift capacity jack
- Pivoting large 10"x10" foot pad that works well on uneven surfaces
- Durable exterior grade black finish
- 59" extended height, 34.8" retracted height
- 24.2" travel distance
- Works well with hydraulic pump/power units up to 3200 psi extension, 1500 psi retraction pressure
- Hydraulic pump/power unit and control switch/remote pendant available (sold separately)
- HJ-15000-LEG1 left leg/curb side jack has two 7.5" x 4" mounting tabs for easy bolt-on application (photo shown)
- HJ-15000-LEG2 right leg/street side jack has two 7.5" x 4" mounting tabs for easy bolt-on application



# 15K Self Contained Hydraulic Square Tube Bolt On Jack



Ideal for use with horse/livestock as well as commercial and construction trailers.

- Hydraulic application allows for fast manual free operation
- 15,000lb support/12,000lb lift capacity jack
- Pivoting large 10"x10" foot pad that works well on uneven surfaces
- Durable exterior grade black finish
- 59" extended height, 34.8" retracted height
- 24.2" travel distance
- Self contained hydraulic pump/power unit to operate jack, 500W 12V DC motor, dual/double acting, 2.5 quarts usable volume reservoir, 3000 psi extension, 1500 psi retraction working pressure
- Includes control switch/remote pendant
- HJ-15008 hydraulic jack with two 7.5"x4" mounting tabs for easy bolt-on application





## 7K Hydraulic Round Tube Bolt On Jack



Ideal for use with commercial, construction and dump trailers.

- Hydraulic application allows for fast manual free operation
- 7,000lb support and lift capacity jack
- 7"x7" foot pad
- Durable exterior grade black finish
- 47.5" extended height, 27.5" retracted height
- 20" travel distance
- 5"x5" mounting plate with three .52" bolt holes
- Works well with hydraulic pump/power units up to 3200 psi extension, 1500 psi retraction pressure
- Hydraulic pump/power unit and control switch/remote pendant available (sold separately)
- HJ-7000A jack



# 15K Hydraulic Square Tube Weld On Jack w/Integrated Counter Balance Valve



Ideal for use with commercial, construction and dump trailers.

- Patent pending integrated counter balance valve that eliminates drift/retraction when trailer is stationary and not in use
- Hydraulic application allows for fast manual free operation
- 15,000lb support/12,000lb lift capacity jack
- Pivoting large 10"x10" foot pad that works well on uneven surfaces
- Durable exterior grade black finish
- 59" extended height, 34.8" retracted height
- 24.2" travel distance
- Works well with hydraulic pump/power units up to 3200 psi extension, 1500 psi retraction pressure
- Hydraulic pump/power unit and control switch/remote pendant available (sold separately)
- HJ-15070-LEG direct weld jack



# 15K Hydraulic Square Tube Bolt On Jack w/Integrated Counter Balance Valve

Ideal for use with commercial, construction and dump trailers.

- Patent pending integrated counter balance valve that eliminates drift/retraction when trailer is stationary and not in use
- Hydraulic application allows for fast manual free operation
- 15,000lb support/12,000lb lift capacity jack
- Pivoting large 10"x10" foot pad that works well on uneven surfaces
- Durable exterior grade black finish
- 59" extended height, 34.8" retracted height
- 24.2" travel distance
- Works well with hydraulic pump/power units up to 3200 psi extension, 1500 psi retraction pressure
- Hydraulic pump/power unit and control switch/remote pendant available (sold separately)
- HJ-15070-LEG1 left leg/curb side jack has two 7.5" x 4" mounting tabs for easy bolt-on application (photo shown)
- HJ-15070-LEG2 right leg/street side jack has two 7.5" x 4" mounting tabs for easy bolt-on application





# 15K Self Contained Hydraulic Square Tube Bolt On Jack w/Integrated Counter Balance Valve



Ideal for use with horse/livestock as well as commercial and construction trailers.

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- Hydraulic application allows for fast manual free operation
- 15,000lb support/12,000lb lift capacity jack
- Pivoting large 10"x10" foot pad that works well on uneven surfaces
- Durable exterior grade black finish
- 59" extended height, 34.8" retracted height
- 24.2" travel distance
- Self contained hydraulic pump/power unit to operate jack, 500W 12V DC motor, dual/double acting, 2.5 quarts usable volume reservoir, 3000 psi extension, 1500 psi retraction working pressure
- Includes control switch/remote pendant
- HJ-15078 hydraulic jack with two 7.5"x4" mounting tabs for easy bolt-on application



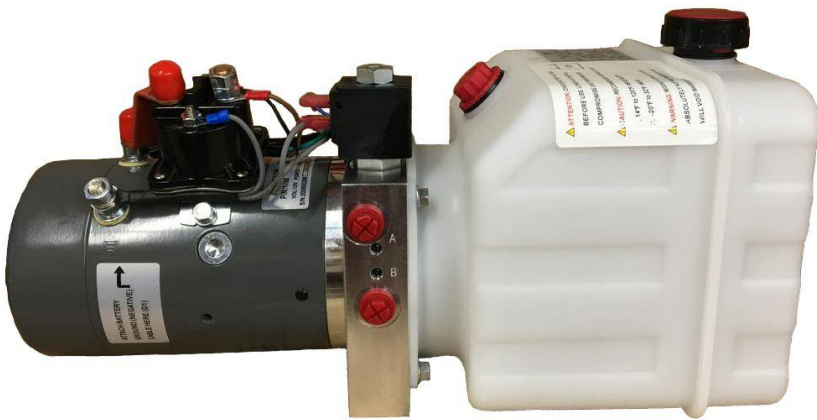




# Hydraulic Power Unit (Dual Acting, Power Up/Power Down)

Hydraulic power units and control switch/remote pendant works with *RAM* hydraulic jacks and scissor hoist systems.

- Works with 12 volt deep cycle direct current RV/Marine trailer battery (not supplied)
- 1.6KW 12v DC motor
- Dual acting – Power Up/Power Down
- 3200 psi extension and 1500 psi retraction working pressure
- Includes control switch/remote pendant with 12' cord
- HPU-DA004 four quart usable volume reservoir, dual acting HPU (image shown)
- HPU-DA006 six quart usable volume reservoir, dual acting HPU (available special order upon request)
- HPU-DA008 eight quart usable volume reservoir, dual acting HPU (available special order upon request)
- HPU-DA012 twelve quart usable volume reservoir, dual acting HPU (available special order upon request)
- HPU-RP12W2B spare/replacement HPU control switch / remote pendant assembly with 12' wire and two button switch box





# Hydraulic Power Unit (Single Acting, Power Up/Gravity Down)

Hydraulic power units and control switch/remote pendant works with *RAM* hydraulic jacks and scissor hoist systems.

- Works with 12 volt deep cycle direct current RV/Marine trailer battery (not supplied)

- 1.6KW 12v DC motor

- Single acting – Power Up/Gravity Down

- 3200 psi extension working pressure

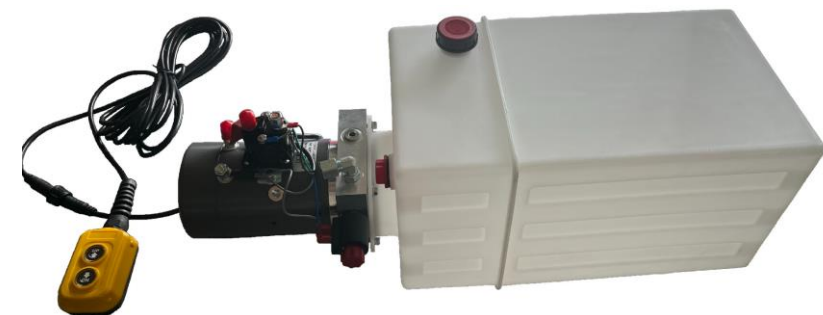
- Gravity down saves on battery charge

- Includes control switch/remote pendant with 12' cord

- HPU-SA006 six quart usable volume reservoir, single acting HPU (available special order upon request)

- HPU-SA008 eight quart usable volume reservoir, single acting HPU (available special order upon request)

- HPU-SA007G seven gallon usable volume reservoir, single acting HPU (available special order upon request)





# Hydraulic Power Unit (Dual Acting, Power Up/Power Down/Gravity Down)

Hydraulic power units and control switch/remote pendant works with *RAM* hydraulic jacks and scissor hoist systems.

- Works with 12 volt deep cycle direct current RV/Marine trailer battery (not supplied)
- 1.6KW 12v DC motor
- Dual acting – Power Up/Power Down/Gravity Down
- 3200 psi extension and 1500 psi retraction working pressure
- Gravity down saves on battery charge
- Includes control switch/remote pendant with 12' cord with three button switch
- HPU-DAGD004 four quart usable volume reservoir, dual acting HPU (available special order upon request)





# Hydraulic Power Unit (Dual Acting, Power Up/Power Down w/2 to 4 Selector)



- Hydraulic power units and control switch/remote pendant works with *RAM* hydraulic jacks and scissor hoist systems.
- Works with 12 volt deep cycle direct current RV/Marine trailer battery (not supplied)
  - 1.6KW 12v DC motor
  - Dual acting – Power Up/Power Down
  - 3200 psi extension and 1500 psi retraction working pressure
  - 2 to 4 selector allows use with hydraulic jack(s) and dump hydraulic hoist system without having to use a separate manual hydraulic diverter
  - Includes control switch/remote pendant with 12' cord with four button switch
  - HPU-DASEL006 six quart usable volume reservoir, dual acting HPU (available special order upon request)

STRONG & RELIABLE  
**RAM**  
PREMIUM  
SERIES

# Hydraulic Scissor Hoists



Ideal for use with dump trailers.

- Hydraulic scissor hoist weld assemblies allow for durable operation
- Available raw or with a durable exterior grade black powder coat finish
- Includes two flat end and two L-shaped raw weld on pivot bars / brackets
- RH-310 Hoist assembly with raw finish (cylinder sold separately)
- RH-310-B Hoist assembly with black finish (cylinder sold separately)
- RH-516 Hoist assembly with raw finish (cylinder sold separately)
- RH-516-B Hoist assembly with black finish (cylinder sold separately)
- RH-520 Hoist assembly with raw finish (cylinder sold separately)
- RH-520-B Hoist assembly with black finish (cylinder sold separately)
- RH-620 Hoist assembly with raw finish (cylinder sold separately)
- RH-620-B Hoist assembly with black finish (cylinder sold separately)

Also available are scissor hoist and cylinder combinations

- RH-CY-310-B 3-1/2"x10" stroke cylinder with black scissor hoist
  - RH-CY-310-O 3-1/2"x10" stroke cylinder with raw scissor hoist
  - RH-CY-516-B 5"x16" stroke cylinder with black scissor hoist
  - RH-CY-516-O 5"x16" stroke cylinder with raw scissor hoist
  - RH-CY-520-B 5"x20" stroke cylinder with black scissor hoist
  - RH-CY-520-O 5"x20" stroke cylinder with raw scissor hoist
  - RH-CY-620-B 6"x20" stroke cylinder with black scissor hoist
  - RH-CY-620-O 6"x20" stroke cylinder with raw scissor hoist
  - Hydraulic cylinders are black painted and are bolted to the scissor hoists
  - Includes two flat end and two L-shaped raw weld on pivot bars / brackets
- Kits that include HPU, hoist, cylinder, accessories, etc are also available. See hoist kit section for details.**

[www.ramtrailerproducts.com](http://www.ramtrailerproducts.com)



# Hydraulic Scissor Hoist Cylinders



Hydraulic scissor hoist cylinders come black painted

- HCYLND-310 3.5"x10" stroke hydraulic cylinder
- HCYLND-516 5"x16" stroke hydraulic cylinder
- HCYLND-520 5"x20" stroke hydraulic cylinder
- HCYLND-620 6"x20" stroke hydraulic cylinder



# Hydraulic Scissor Hoist Kits

Ideal for use with dump trailers.

- Conveniently packaged scissor hoist kits include all the components (except battery) to be used in a dump trailer application
- Scissor hoist system allows for durable operation
- Kits are available with raw or with durable exterior grade black finish on the scissor hoist
- Hydraulic cylinders are black painted and are bolted to the scissor hoists in the kits
- For list of items included in each kit see link to pdf files below
- RH-310-B-KIT 3-1/2"x10" stroke cylinder with black scissor hoist
- RH-310-KIT 3-1/2"x10" stroke cylinder with raw scissor hoist
- RH-516-B-KIT 5"x16" stroke cylinder with black scissor hoist
- RH-516-KIT 5"x16" stroke cylinder with raw scissor hoist
- RH-520-B-KIT 5"x20" stroke cylinder with black scissor hoist
- RH-520-KIT 5"x20" stroke cylinder with raw scissor hoist
- See website links for specific items included in the scissor hoist kits**





# Hydraulic Accessories



Weld on prop kits come raw for weld on purposes.

- Allows to prop the dump box in the upper dump position
- Include safety arm, safety arm bracket and safety arm cup
- RH-PROPKIT



Typically on dump trailers that use the 310 or the 516 hoist assemblies.

- Hinges that are welded to dump trailer frame and dump box and act as rear pivot point
- Includes a grease zerk
- RH-MHG medium hinge assembly



Typically on dump trailers that use the 520 hoist assemblies and larger.

- Hinges that are welded to dump trailer frame and dump box and act as rear pivot point
- Includes a grease zerk
- RH-LHG heavy duty hinge assembly



# Hydraulic Accessories (Continued)



- For use with jack and hoist cylinders on the extend (base) port only
- Controls hydraulic flow out of the extend port back to the HPU
- RH-LDCTL 9/16-18 SAE #6 JIC 37 degree flare fitting flow/load control valve
- NOT for use with RAM HJ-15070 series jacks



For use with hydraulic lines and connections to cylinders, HPU units, etc

- RH-FIT38 3/8" #6 SAE Hydraulic Fitting (photo shown) – May be used at input and output on hydraulic flow divider and HPU

- RH-FIT38L 3/8" #6 SAE Hydraulic L Fitting – May be used at input and output on hydraulic flow divider and HPU



- RH-FIT38T 3/8" #6 SAE Hydraulic T Fitting – Used to join two hydraulic return lines into one return line to HPU

- All fittings are 9/16-18 SAE #6 JIC 37 degree flare fitting



For use with hoist frames

- RH-LKCL-20 2.0" locking collar for use with 310 hoist assemblies

- RH-LKCL-25 2.5" locking collar for use with 516 and 520 hoist assemblies



# Hydraulic Accessories (Continued)



Hydraulic hose assemblies with 9/16-18 SAE #6 JIC 37 degree flare fittings

- RH-HS38110 110" long assembly
- RH-HS38120 120" long assembly
- Included in the scissor hoist kits



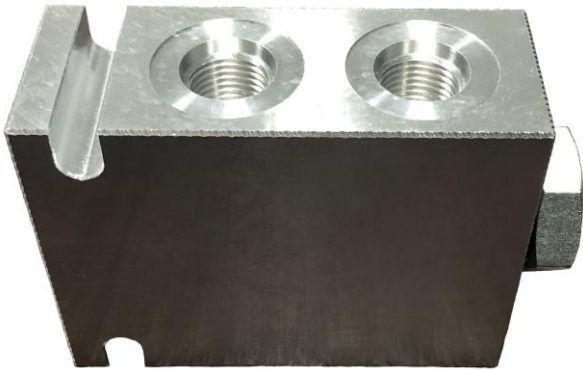
RH-BCBL-20GA Battery Cables, one red, one black GA 4, 20"



RH-STRP Rubber Battery Strap



# Hydraulic Accessories (Continued)



Use when operating two hydraulic jacks with one HPU

- Receives flow from port A on HPU then divides the flow equally to run two hydraulic jacks
- All ports are SAE #6 O-Ring female, requires adapters to couple with 9/16-18 SAE #6 JIC 37 degree flare hydraulic hose
- HFD-612 Flow Divider



•Diverts hydraulic fluid allowing one HPU to operate either the hydraulic jack or hoist (dump) circuits

- Ready to couple with 9/16-18 SAE #6 JIC 37 degree flare hydraulic fittings
- RH-6WFD Hydraulic Fluid Diverter



# Telescopic Cylinders



Ideal for dump trailers for telescopic cylinder application

- 7 Ton 3.75" x 78" (extended length) 36.5" (retracted length) telescopic cylinder - HCTL-37578

- 7 Ton 3.75" x 90" (extended length) 40.5" (retracted length) telescopic cylinder - HCTL-37590

- 7 Ton 3.75" x 108" (extended length) 46.5" (retracted length) telescopic cylinder - HCTL-375108

- 12 Ton 4.4" x 120" (extended length) 48.7" (retracted length) telescopic cylinder - HCTL-44120

- 12 Ton 4.4" x 132" (extended length) 52.7" (retracted length) telescopic cylinder - HCTL-44132

- 12 Ton 4.4" x 144" (extended length) 56.7" (retracted length) telescopic cylinder - HCTL-44144

- H-Shape mounting plate for telescopic cylinders - HCTL12-PLATE

- Telescopic cylinders are available special order upon request



## Tilt Deck / Tilt Bed Cylinders



Ideal for use with tilt deck / tilt bed trailers.

- 3-1/2"x10" hydraulic cylinder acts as a shock absorber for tilt deck operation
- Includes (2) connection pins and (4) cotter keys
- RH-TB310 hydraulic cylinder assembly
- RH-TB-CS1 7-1/4" weld on bracket (sold separately)
- RH-TB-CS2 6-1/4" weld on bracket (sold separately)



# Hydraulic Replacement Parts

| Ram Part Number  | Description  |
|------------------|--|
| HJ-15000-CYLND   | Replacement cylinder for 15K RAM hydraulic jack                          |
| HPU-SR391        | HPU starter relay, 12V DC 250A   |
| HPU-SL13372R     | Solenoid 2 for port B, round   |
| HPU-SL13392Q     | Solenoid 1 for port A, square  |
| HPU-CAP          | Cap for HPU reservoir  |
| RH-516-PBARL     | Weld on pivot bar with L-shape plate (welded to trailer chassis)         |
| RH-516-PBARF     | Weld on pivot bar with flat plate (welded to dump frame)                 |
| HJ-15000-HPU-KIT | Repair HPU kit for HJ-15008 hydraulic self contained jack                |
| HJ-15000-FITSET  | Fitting Set/Hose for HJ-15000 hydraulic Jack                             |
| HJ-15000-FT      | Foot for HJ-15000 and HJ-15008 hydraulic jacks                           |
| HJ-15000-FTPN    | Pin with snap rings for HJ-15000 and HJ-15008 hydraulic jacks            |
| HPU-TANK004      | Replacement tank for HPU-DA004 4 quarts                                  |
| HPU-TANK006      | Replacement tank for HPU-DA006 6 quarts                                  |
| HPU-TANK008      | Replacement tank for HPU-DA008 8 quarts                                  |
| HPU-TANK0025V    | Replacement tank for HJ-15008 self contained hydraulic jack (2.5 quarts) |

HPU-TANK0025H Replacement tank for HPU-SA8025 horizontal mount HPU (2.5 quarts)